CashConcepts
CCE 140

Elektronischer Falschgeldprüfer

Electronic Counterfeit Money Detector

Benutzerhandbuch

User Manual

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Introduction

Many thanks that you have decided for the CCE 140. This electronic counterfeit money detector offers you a reliable protection for the acceptance of banknotes. The different security signs at the banknotes are checked for the genuineness and then the device indicates the correct value of the banknote in the display. Suspected money is returned after an error message and a warning tone from the input shaft, while the device indicates the acceptance of notes by showing the value and no sound.

The innovative use and the acceptance of the Euro in all four longitudinal directions provide for a short training phase without trainings or time-consuming installation.

Should you have questions to the CCE 140 counterfeit money detector, we are available to you with pleasure.

Your Team of CashConcepts

Warning

General

- Please pay attention that no foreign objects (e.g., coins, paper clips) fall in the machine, these can block the engines and the sensitive sensors of the machine and damage or destroy them.
- Please note that during the countable process no ties, hair or clothes in the bank note are drawn in to avoid injuries and damages to the machine.
- Please pay attention that none stuck, washed, strongly dirty or damaged banknotes is counted in the machine, these can hook up in the machine and tear.

Electricity supply

- Use the device only with the provided net part.
- Use no damaged or humid power adapter or power supply lines.
- Connect the stream supply not with humid hands.
- During the change of the fuse the machine must be completely separated from the stream net to avoid an electric blow.

Servicing

- Always switch the power of during cleaning.
- Clean the machine with a dry cloth.
- Do not use wet or damp cloth or cleaning products.
- Do not spill any liquid or spray chemicals over the equipment.
- If any liquid is spilled on it, disconnect the power cable from the supply, remove the battery and contact your dealer.

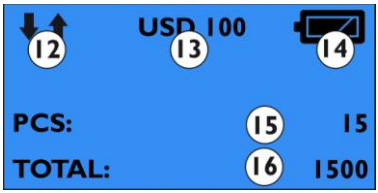
Representation of the machine

Front view

(1) Banknote receiving plate
(2) Banknote exit (rear)
(3) Update port / printer port
(4) DC socket
(5) Display (see below information)
(6) ON/OFF – key
(7) DIR – key
(8) CUR – key
(9) STA – key
(10) Banknote adjusting slider
(11) Banknote feeder and exit (front)

Display

(12) Exit direction of banknotes
(13) Last accepted banknote
(14) Battery status
(15) Number of accepted notes
(16) Total value of accepted notes



How to use the CCE 140

Please follow the below instructions for using the machine to receive an optimum detction result.

- Connect the power supply with the outlet.
- Connect now the power supply with the CCE 140 and switch on the unit by holding the ON-OFF button pressed for 2 seconds.
- The device will make a selftest after turning on and shows the software version display and also the information “Ready…”
- Insert the banknotes to be tested now one by one in the device.
- **Please note, that all banknotes have to be insert on the right side of the device as shown on the pictures, if you don’t put them on the right side they might be recognized as counterfeited. Not all banknotes can be checked in all 4 longitude directions as the Euro. The security features are out of the sensor range when inserted in the wrong direction.**
- The banknotes are drawn in and checked, accepted notes are ejected according to setting in front or behind.

Suspected counterfeit money is ejected in general forwards and you are informed about the suspicious note by a warning tone. Also banknotes which were not inserted on the right side or in the correct direction will be ejected as suspected.

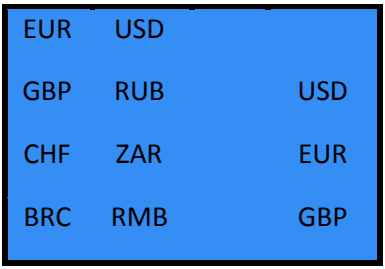
Setting and function

Issue Direction
You have the selection at the CCE 140 that accepted banknotes are returned from the input tray or to eject from the rear output shaft. Banknotes that are viewed by the device as counterfeit suspect, are generally thrown out by the input shaft, along with an error message and a beep. By using the DIR button you can change the output direction. The arrows on the left side of the display show the currently selected direction of ejection.

Print-Function
If you want to print the results of the test, hold the STA - button for about two seconds. The display then shows the message "Print ....". After printing, the device automatically switches back to test mode. If the device should be equipped with the optional serial number reading, the serial numbers of banknotes are printed together with the counting result.

Currency

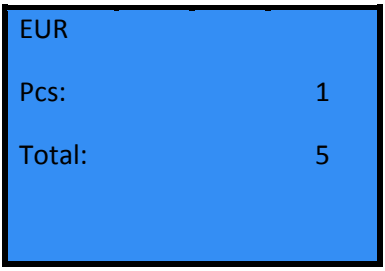
The CCE 140 is equipped as standard with programming EURO and U.S. dollars and other currencies selectable. Keep the CUR - button pressed for about 2 seconds to enter the currency menu and display the list of available currencies.



On the left you will see the available currencies and on the right side the currencies that can be tested with the current setting. Pressing the CUR key, you can switch through the right combination of currency in the display. Euros and U.S. Dollars can't be deselected. Have you found your combination and it will appear in the right display area, you can by pressing (for about 2 seconds) store the CUR key setting. Press the STA button to exit the menu without saving.

Report-Function:

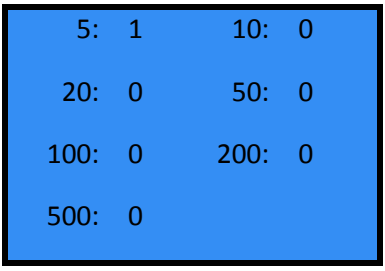
Pressing the STA - key in testing mode you will have the opportunity to list the tested and accepted notes in the Report menu.



By pressing several times STA you can switch between different currencies and reports back and forth.

In the first display, you get a total overview of the currencies with the indication of the number of accepted notes and the total value of these notes.

In the second evaluation, you will receive a detailed overview of the number of accepted notes per value.



To delete the saved data, please keep the STA-button pressed for about two seconds. You will then receive the message "Clear Data" as a clearing confirmation.

Sleep mode

The CCE 140 enters after 5 minutes without use the energy saving mode and turns off the display. If the device is in sleep mode, you can continue checking banknotes, because by the insertion of a note, the device will immediately return to active mode. After 20 minutes, the device shuts off completely and must be turned on again. To turn it on and hold the ON / OFF button pressed for about 2 seconds.

Battery Status

In the upper right display area you will find the status of the battery. A solid battery means that it is fully charged when you see only one contour line, the battery is almost discharged. If the battery icon will flash and change from full to empty, the battery is charging. If the battery should get unloaded during mobile use, you get the message "Low Battery" on the display and the unit switches off automatically.

Update Function

The CCE 140 offers the possibility to check other currencies beside the Euro (e.g. Swiss Franc or British Pound). If this currency is not installed or there is a currency update, you can update the software in the device. In addition you need the download cable and the software released by CashConcepts which contains the suitable currency file. For updating you go forward as follows:

- Install the USB cable driver
- Save the software on your PC and unpack the file if necessary.
- Connect the update cable with the computer and the device
- Hold the keys the STA and ON/OFF pressed.
- The device starts in the download mode. In the display segments 3 and 4 minus signs are indicated.
- Start the EXE file and click in the "FILE LOAD" in the tool.
- Select the provided currency file.
- Then click „UPDATE SOFT“.
- Now the update software is loaded in the device, a progress bar indicates the actual status.
- Restart after successful update the device.

Error Management and Servicing

The CCE 140 checks the genuineness of the banknotes and the valency of the notes by different sensors. Because the banknotes are led with every test over these sensors, dust and dirt which sticks on the banknotes is taken up with the time there. Please follow the further following tips to exclude the cleaning of the machine to avoid mistakes by dirtied sensors and to have an optimum result in the check of banknotes.

Error Message

Error code	Error reason
ST_ULIR_ERR	Error upper left IR sensor
ST_ULSP_RED_ERR	Error upper left red spectrum sensor
ST_ULSP_BLUE_ERR	Error upper left blue spectrum sensor
ST_UMIR_ERR	Error upper middle IR sensor
ST_URSP_RED_ERR	Error upper right red spectrum sensor
ST_URSP_BLUE_ERR	Error upper right blue spectrum sensor
ST_URIR_ERR	Error upper right IR sensor
ST_DLIR_ERR	Error lower left IR sensor
ST_DLSP_RED_ERR	Error lower left red spectrum sensor
ST_DLSP_BLUR_ERR	Error lower left blue spectrum sensor
ST_DMIR-ERR	Error lower middle IR sensor
ST_DRSP_RED_ERR	Error lower right red spectrum sensor
ST_DRSP_BLUE_ERR	Error lower right blue spectrum sensor
ST_DRIR_ERR	Error lower right IR sensor
ST_MAG1_ERR	Error magnetic head sensor 1
ST_MAG2_ERR	Error magnetic head sensor 2
ST_MAG3_ERR	Error magnetic head sensor 3
ST_MAG4_ERR	Error magnetic head sensor 4
ST_MAG5_ERR	Error magnetic head sensor 5
ST_START_ERR	Error of feed sensor
ST_PASSL_ERR	Error left pass sensor
ST_PASSM_ERR	Error middle pass sensor
ST_PASSR_ERR	Error right pass sensor
ST_KEY_ERR	Error key panel
ST_MOTOR_ERR	Error of motor or length sensor

Errors during banknote test

Error code	Error reason
E01	Magnet error
E02	IR error
E03	Paper error
E04	Length error
E05	Image error
E06	Spectrum error
E07	Magnet Thread error
E08	Magnet Ink error
E09	Magnet Energy error
E10	Thickness error
E11	Pass error

Cleaning the Sensors

By the bank notes and by dust it comes to depositions at the sensors of the machine. This pollution lead to increased non-recognitions of real banknotes.

Please clean at regular intervals the sensors of the CCE 140. Switch off the machine and take out the power supply of the CCE 140.

Open the cover with the display upwards. With a soft paintbrush and glasses cleaner you can remove the dust from the sensors as well as from the banknote transportation belts.

Should you have questions to the right cleaning of the CCE 140, our service team is of course available to you with pleasure.

Accessoires

Contained accessories	Optional accessories
Manual	Cleaning kit
Power supply	
Update cable	
Banknote receiving plate	
Battery	

Technical specification

Power connection:	AC 100 V~240V / 50/60 Hz
Power Supply:	DC 12 V / 1.0A
Power consumption:	<10 W
Accumulator:	Rechargeable Lithium battery 0.8V/1000mAH
Operating temperature:	0°C – 40°C
Dimensions:	220 x 140 x 90 mm
Weight:	1,05 kg
Testing speed:	< 0,5 seconds / banknote

Contact

If it should once have problems with your CCE 140 which you can solve with the help of this manual, then you please get in contact to us by email and describe the problem, we will get in contact to you as soon as possible with a proposal for solution for the problem.

info@cashconcepts.cc

Please retain your purchase documents for warranty claims. Do not remove, cover, damage or modify in any way the rating plate with serial number on the rear of the unit, otherwise you forfeit your warranty.

You will find this manual also in other languages on our website www.cashconcepts.cc under the topic "Download" for free downloading.